

Safeguarding Our “High”ways Combating Drugged Driving


Minnesota Towards Zero Deaths

Chuck Hayes, IACP DEC Program

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Impaired Driving Through the Years

- ✓ 1910 - 1st "drunk driving" arrest (NYC)
- ✓ 1930's - CHP recognizes “perils of narcotics” users operating automobiles
- ✓ 1960's - Illicit drugs and driving incidents begin to emerge
- ✓ 1970's - Prescription drugs and driving incidents on the rise
- ✓ 1982 - National task force on Drunk Driving formed
- ✓ 2013 - MJ involved DUI cases on the increase
- ✓ 2014 - Synthetic drug DUI cases emerging
- ✓ 2015 - Opiate DUI incident explosion



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Drugged Driving



- ✓ An under-recognized highway safety problem
- ✓ Exact impact on highway safety not known
- ✓ Gaining increased media attention
- ✓ International on-going efforts to address the problem
- ✓ Potentially driver impairment (PDI) causing drugs –
What are they? How many? How do they impair?



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Drugged Driving Challenges

- ✓ Expanded use of MJ for “medical” purposes
- ✓ Recreational MJ legalization
- ✓ Opiate use and abuse
- ✓ Synthetic drugs
- ✓ Novel Psychoactive Substances (NPS)
- ✓ Polysubstance abuse



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Alabama: Xanax Passes Marijuana as Second Leading Cause of DUI

HUNTSVILLE – Alabama officials reported that last year, alprazolam (Xanax) was found in 29 percent of DUI cases, compared to 23 percent for marijuana. The percentage of DUI cases involving Xanax in Alabama has held steady for the past three years.

AL.Com, June 2015



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Heroin on the Highway:

Drug Use Raises New Danger for Tri-State Drivers

CINCINNATI – Officials report that almost 1 in 5 OVI arrests in the Cincinnati area involve heroin. Through November 2015, heroin was reportedly involved in 148 OVI cases and in 41 crashes.

Source: WCPO News, Nov 2015



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Driver Revived with Naloxone After Accident

HUNTINGTON, WV – A driver of a vehicle involved in an accident in Huntington on the afternoon of September 13th, was revived by naloxone. Hayley Tackett, 19, of Proctorville, Ohio, was then transported to a local hospital for treatment. He was cited for failure to maintain control of a vehicle, and DUI charges are pending.

Source: 13 News, Sept 27, 2016



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Drug Related Crashes



2015:
7,438

1993:
2,003




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Wouldn't be easy

I am messed up on drugs

Yes

No



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Drugged Driving - More Complicated Than “Drunk” Driving

| <u>DRUGGED DRIVING</u> | <u>DRUNK DRIVING</u> |
|--|------------------------------|
| Number: Hundreds of drugs | Alcohol is alcohol |
| Data on Use by Drivers & Crashes: Limited | Abundant |
| Use by Drivers: Increasing | Decreasing |
| Impairment: Varies by type | Well-documented |
| Crash Risk: Varies by type | Precise |
| Beliefs and Attitudes: No strong attitudes- public indifferent | Socially unacceptable |

Source: GHSA



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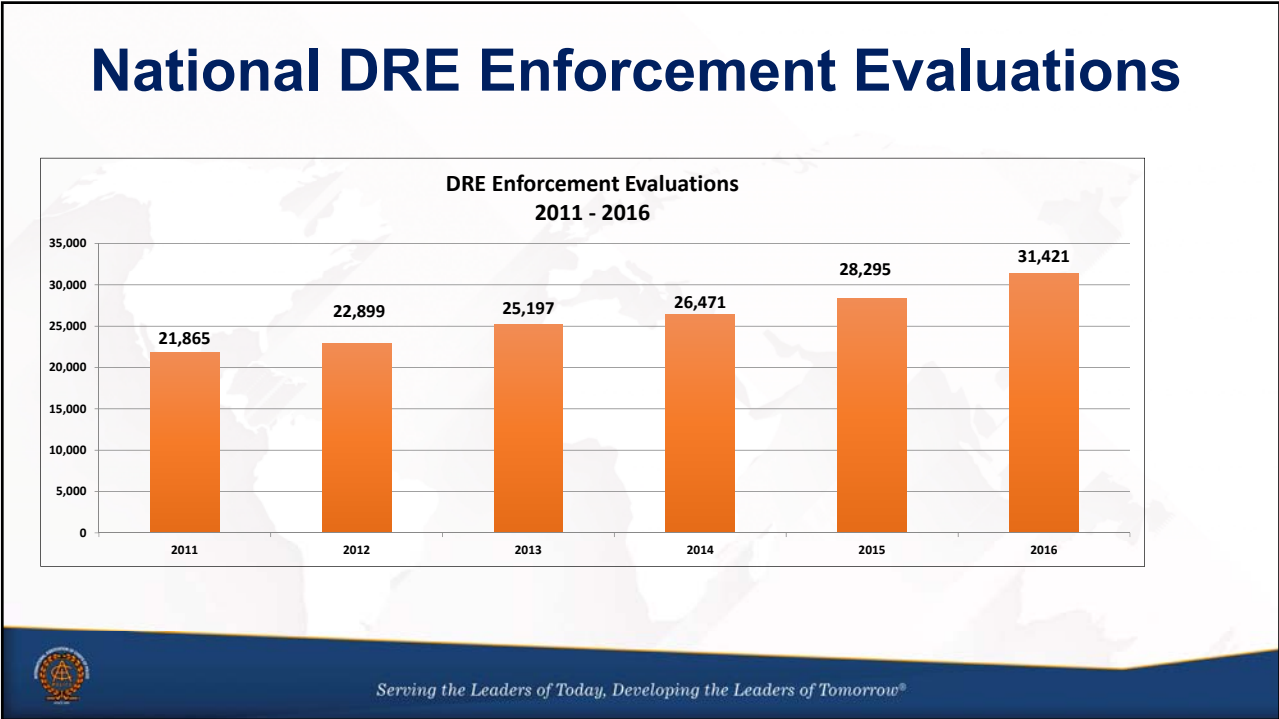
Impaired Driving Countermeasures

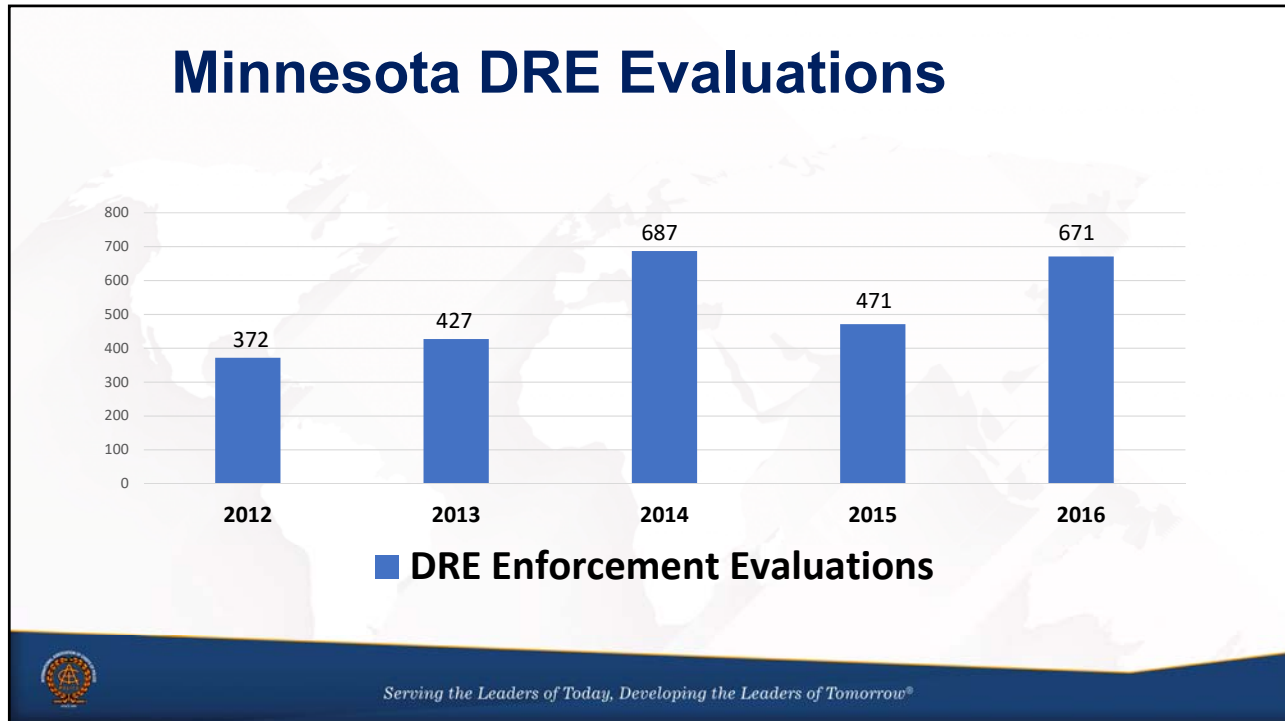
Drug Recognition Expert (DRE)

Advanced Roadside Impaired Driving Enforcement

Standardized Field Sobriety Testing (SFST)

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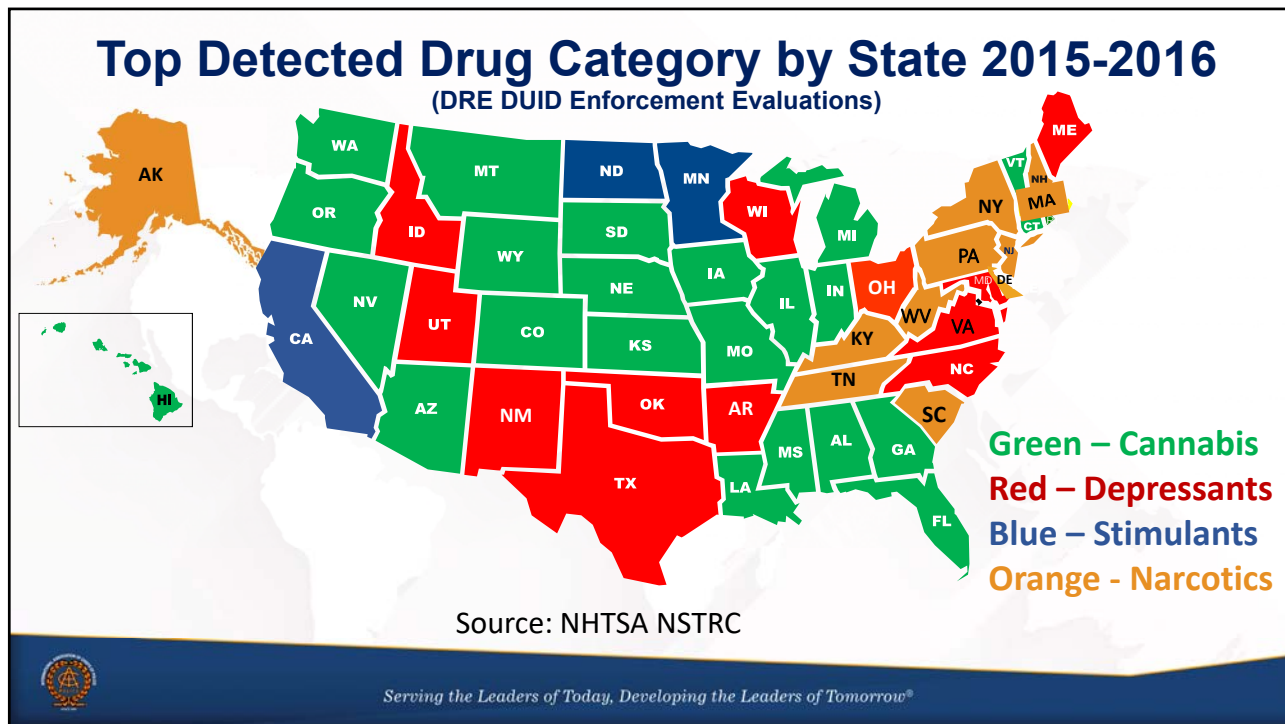


DRE Enforcement Evaluations

Increased enforcement evaluations: (2015 to 2016)

- New York: 126%
- Alabama: 119%
- Connecticut: 84%
- Missouri: 60%
- Montana: 51%
- West Virginia: 48%
- Delaware: 47%
- Michigan: 44%
- **Minnesota: 42%**
- New Jersey: 39%

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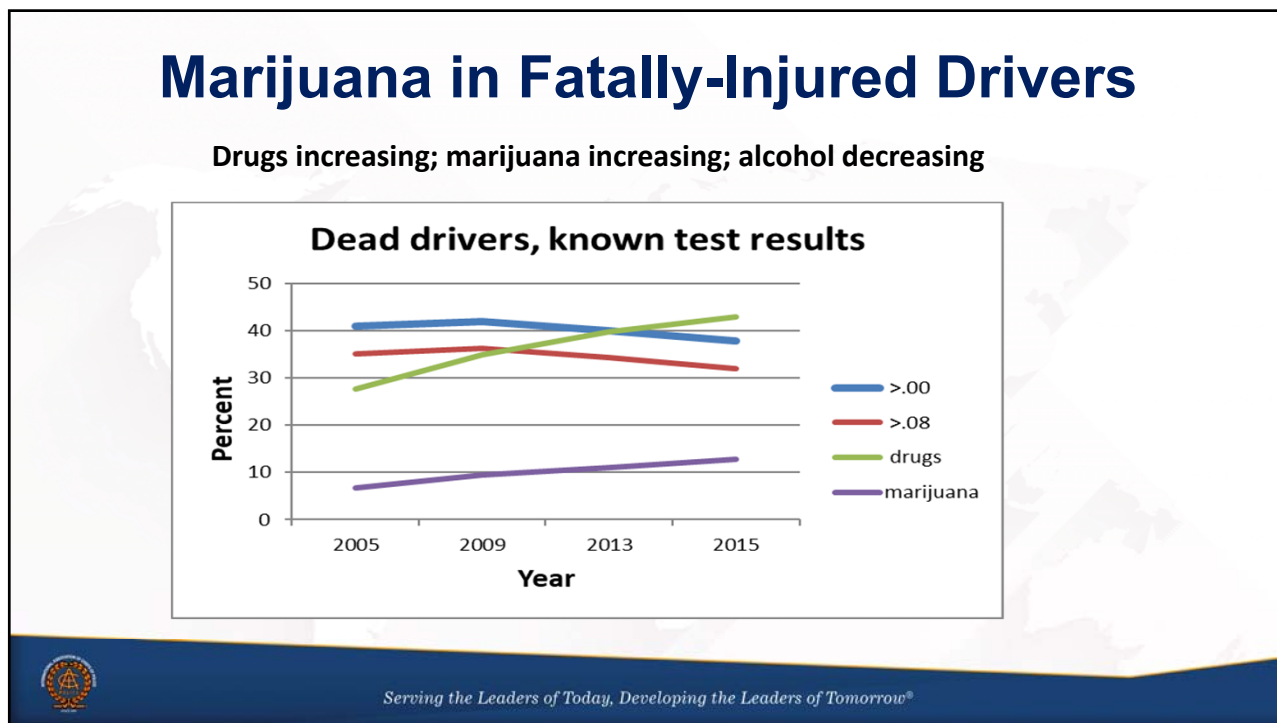


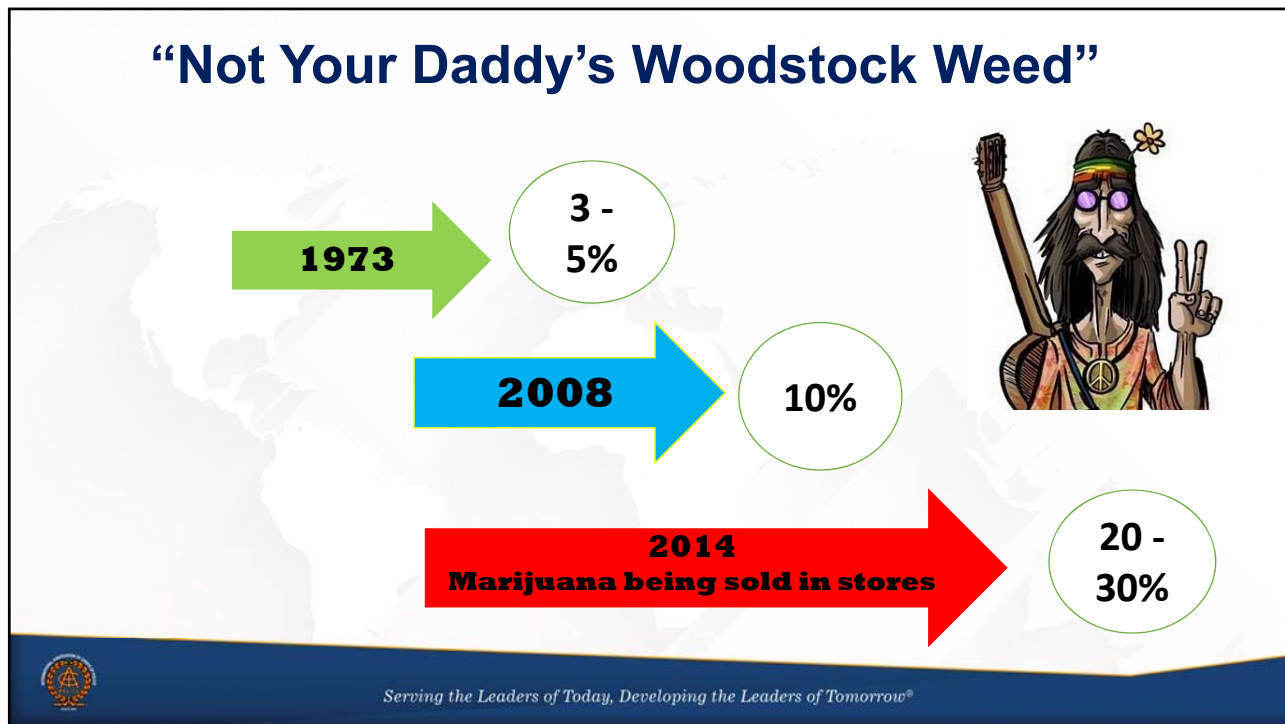
Marijuana and Driving

Marijuana – an old, but changing drug

- Creating new challenges
- Understanding / recognizing impairment is critical
- Expanded roadside detection training needed
- Legalization resulting in more MJ impaired drivers

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Cannabis Impairment Effects

Eyelid tremors

Lowered temperature

Slow, deliberate speech

Odor of marijuana

Other indicators:

- Relaxed inhibitions
- Sharpened sense of humor
- Difficulty with concentration
- Disorientation
- Short-term memory problems

Side-to-side, front-to-back, circular sway

Dilated pupils, bloodshot, watery eyes, rebound dilation

Increased B/P (New users)
May be lowered for experienced users

Increased pulse rate

Body/Leg tremors

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The 5 ng/mL THC Debate

How did we get 5 ng/mL of THC?

Research suggests that setting a cutoff level at less than 5 ng/mL THC for blood would fail to identify many drivers who smoked cannabis because THC is rapidly cleared from the blood.



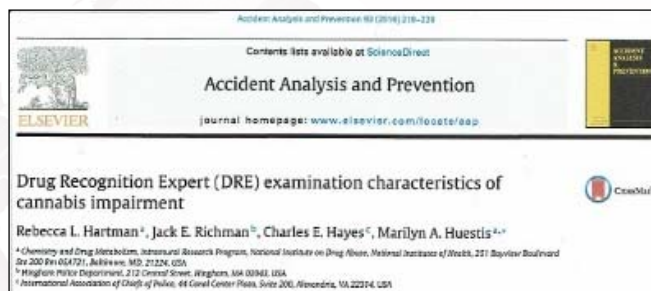
Source: DuPont, *Drugged Driving Research*, 13



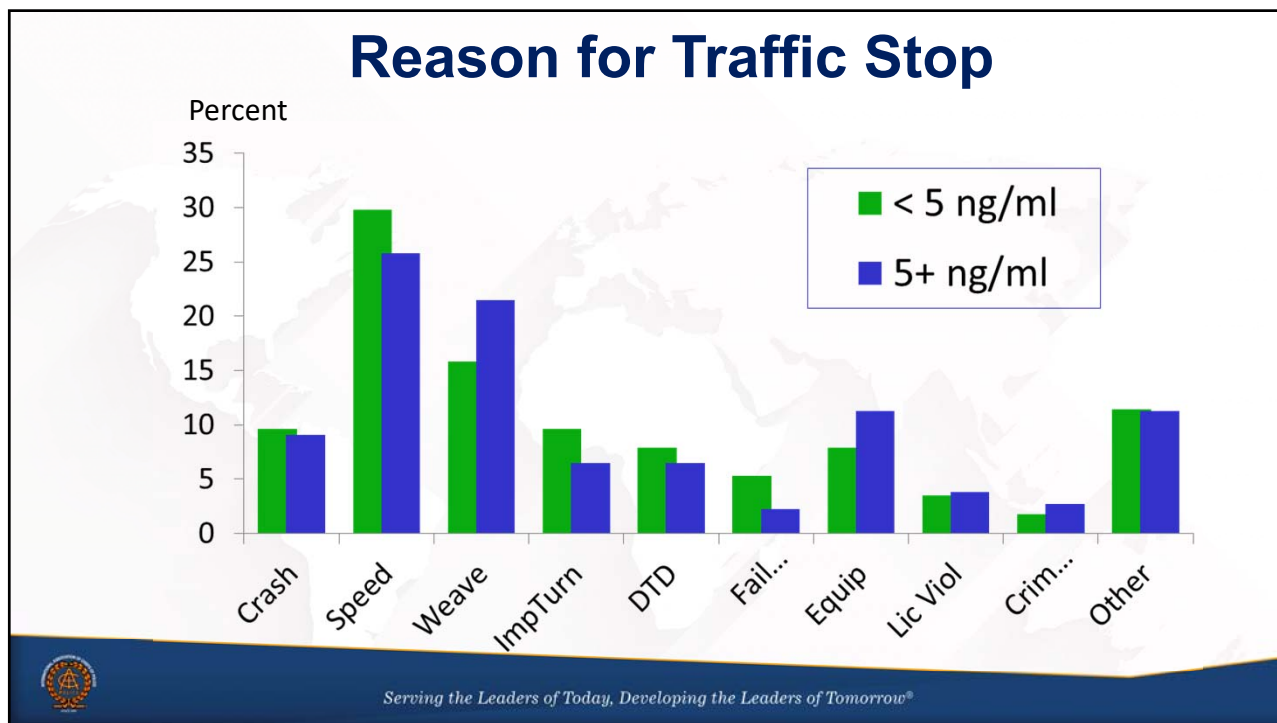
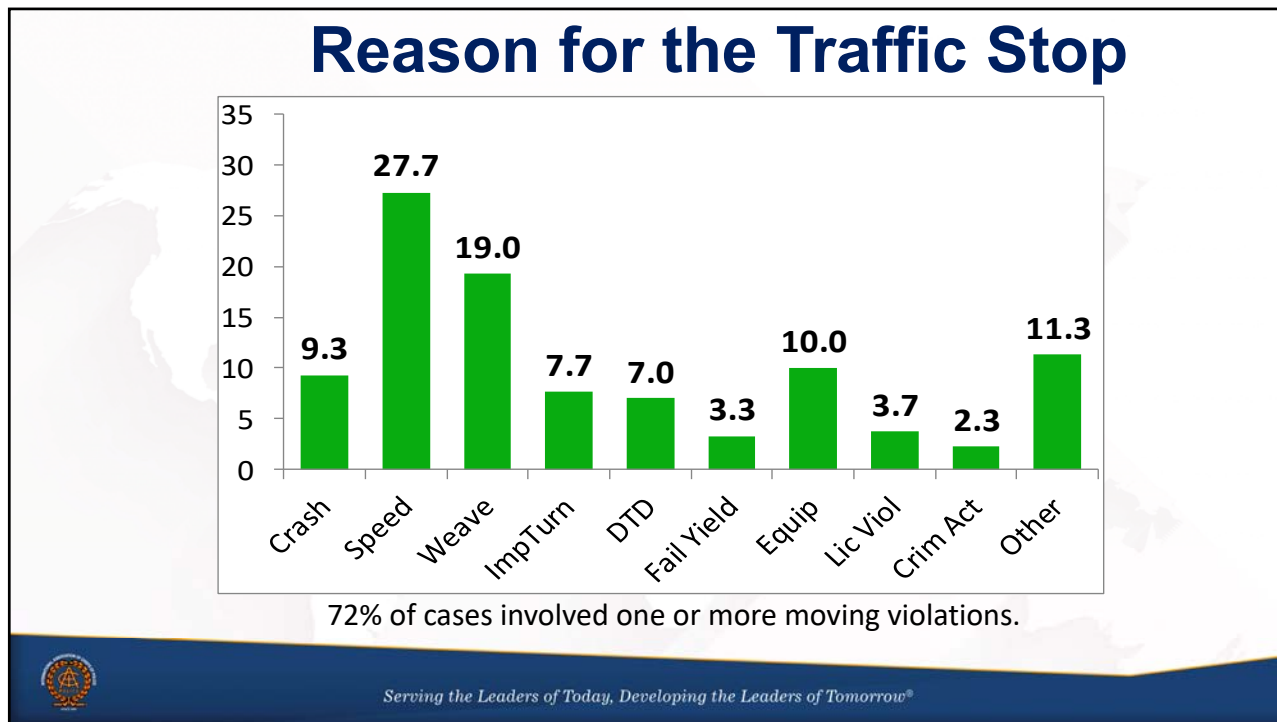
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“Drug Recognition Expert (DRE) Examination Characteristics of Cannabis Impairment”

Hartman, Richman, Hayes, and Huestis



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Prescription Drugs and OTC's

Police see more prescription drug impairment in DUI stops



Reporter profile

More by Rebekah Zemansky

"They have multiple prescriptions, and they're just not aware that if it's impairing them, they shouldn't be operating a motor vehicle, even though it says that on the medication," Burke said. "Yes, it is definitely increasing."

So are arrests, which Burke attributes to better police work. That's where training for DRE - drug recognitions experts - comes in.



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"Pill Popping" Culture

- ✓ Approximately 19 million Americans abuse prescription drugs
- ✓ U.S. makes up 5% of world's population and consumes 75% of world's prescription drugs

| |
|--|
| Name: WOODS, ELDRICK TIGER |
| Race: BLACK DOB: 12/30/1976 |
| Gender: MALE |
| Booking Date/Time: 05/29/2017 07:18 |
| Arresting Agency: 54-JUPITER |
| Release Date: 05/29/17 10.50 |
| Booking Number: 2017018735 |
| Charges: 316.193-6276 |
| DUI-UNLAW BLD ALCH DUI ALCOHOL OR DRUGS |

Tiger Woods -

Toxicology Results:

Xanax, Vicodin, Dilaudid, Ambien, THC




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Common Prescription Drugs in DUIs


The Rx For DUI.
DRUGGED DRIVING IS IMPAIRED DRIVING.

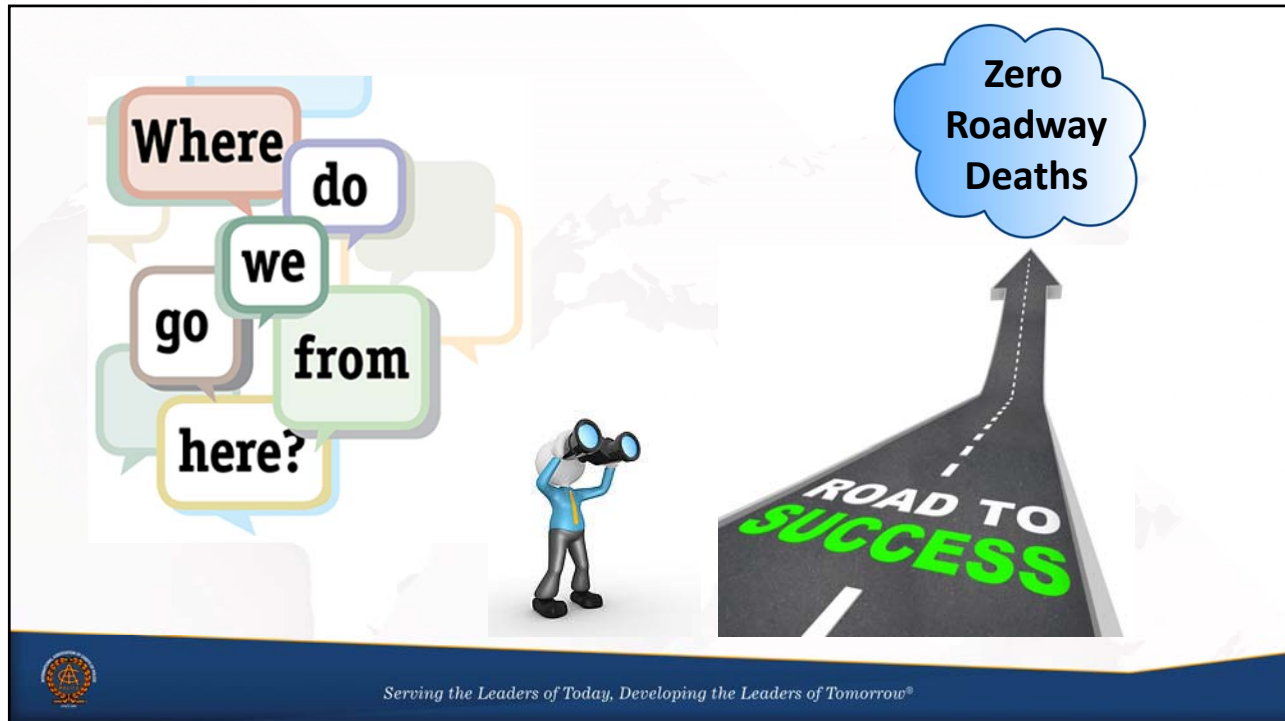
Vicodin
Valium
Percocet
Xanax
Oxycontin
Klonopin
Ambien
Adderall
Dilaudid
Suboxone


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Heroin Highways – Danger on the Roads

HEROIN HIGHWAY


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Where do we go from here?


Zero Roadway Deaths

ROAD TO SUCCESS

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Strong Attainable Strategies

Increased public education and information on the risks of drugs and driving.



Warning!
Do not drive
your damn car
when you take
these drugs!

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Strong Attainable Strategies

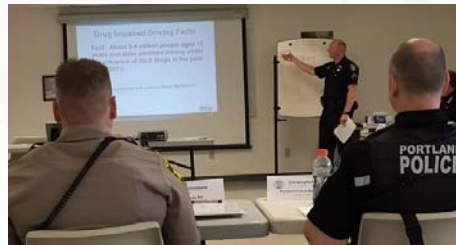
Push for the laws and regulations that support the efforts to deter drugged driving.



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Strong Attainable Strategies

Increased drugged driving training and education for law enforcement, prosecutors, toxicologists, and judges.



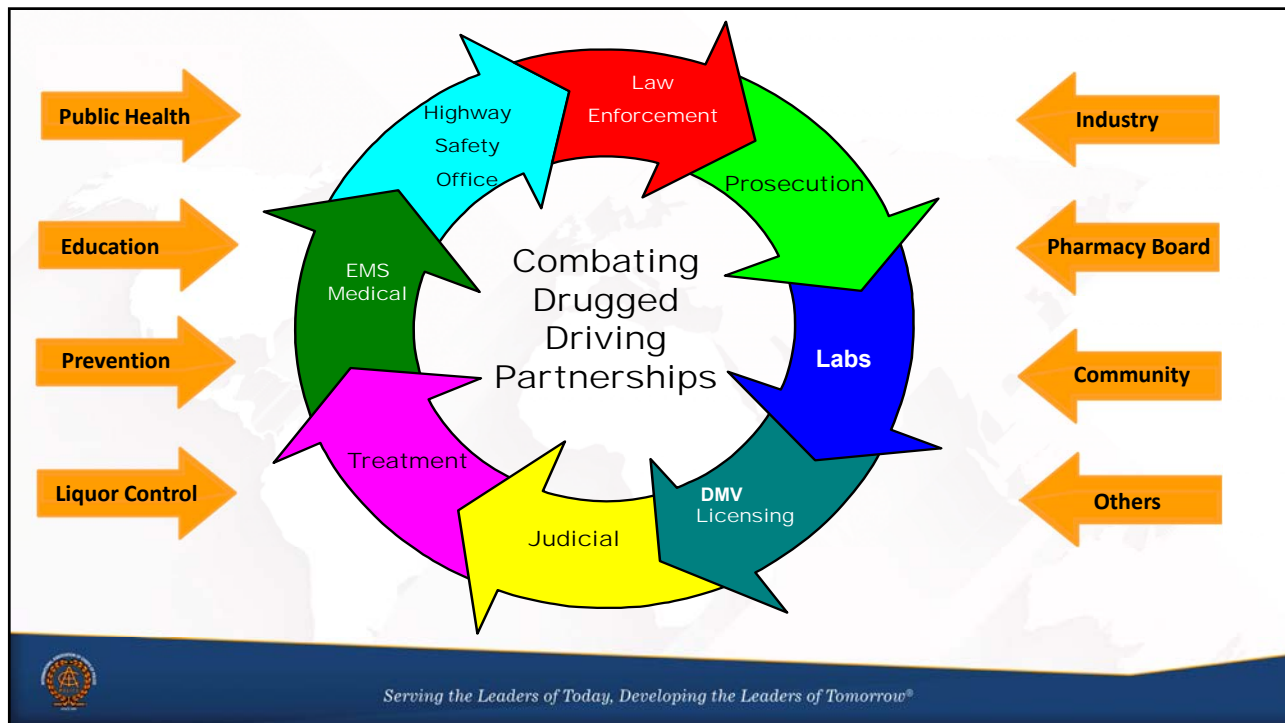
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Addressing the Problem

- ✓ Re-engage the efforts used for “drunk driving”
- ✓ Having laws that support the efforts
- ✓ Strong cooperative partnerships



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Some DUID Challenges

- Increased poly-substance abuse
- Toxicology testing limitations and reporting
- Ever-evolving drugs and new impairing substances
- Toxicology sample collection
- Increased toxicology refusals
(DRE Tox Refusals: 45% in Massachusetts / 44% in Maryland)



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“Booze” vs “Bud” Impairment



Some ways similar, but many ways, not the same

- MJ effects the body and brain differently
- Can NOT equate 0.08 alcohol to equal 0.08 THC



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MJ Per Se and Impaired Driving

No BAC for THC!

Impairment is impairment



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Measuring Success

- ✓ Increased DUID arrests
- ✓ DUID arrests versus DUI-Alcohol arrests
- ✓ DUID arrests involving DRE evaluation
- ✓ Traffic safety uses of DREs (CMV Operations, Emphasis Patrols)
- ✓ **Fewer traffic fatalities – Our ultimate goal!**



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Why We Do What We Do

Wayzata Police Officer Fatally Struck on U.S. 12; Driver Arrested

Officer William Mathews
Wayzata Police Department
End of Watch: September 8, 2017



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My "Mission Motivator" Story

Three Dead in Christmas Eve Crash

According to the Oregon State Police, three people died in a head-on collision on Christmas Eve night. The crash occurred on Highway 97 north of La Pine at approximately 9:00 pm. State Police reported that a southbound vehicle collided head-on with a northbound vehicle at Wickiup Junction, killing the occupants of both vehicles. The crash is under investigation.

Bend Bulletin Newspaper, Bend, OR



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Chuck Hayes
IACP
DEC Program
Western Region Project Manager
503-585-0055
hayes@theiacp.org



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